Application Number Information

Application Number: **10/549449**
Assignments

Filing or 371(c) Date: **07/19/2006** eDan

Effective Date: **09/14/2005**

Application Received: **09/14/2005**

Pat. Num./Pub. Num: /20060262873

Issue Date: **00/00/0000**

Date of Abandonment: **00/00/0000**

Attorney Docket Number: **1505-1028-1**

Status: **41 /NON FINAL ACTION MAILED**

Confirmation Number: **5502**

Examiner Number: **80488 / TORRES, JUAN**

Group Art Unit: **2611**   IFW Madras

Class/Subclass:
375/269.000

Lost Case: **NO**   Waiting for Response

Interference Number: Desc.
                              Mail Non Final

Unmatched Petition: **NO**

L&R Code: Secrecy Code:**1**

Third Level Review: **NO**   Secrecy Order: **NO**

                                   Status Date: **06/25/2009**

Oral Hearing: **NO**

Title of Invention: **ARRANGEMENTS AND METHODS FOR A DIGITAL COMMUNICATION
SYSTEM**

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Google "user data" "dummy data" "symbol alphabet"   [Search] Advanced

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ARRANGEMENTS AND METHODS FOR A DIGITAL COMMUNICATION SYSTEM ...
Nov 28, 2007 **...** The **dummy data** is sent when there is no **user data** to transmit. The
modulated bit stream is represented by a **symbol alphabet** M comprising the **...**
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(WO/2004/082230) ARRANGEMENTS AND METHODS FOR A DIGITAL ...
That is achieved by defining a **symbol alphabet** Q and scrambling a bit stream comprising
user data and **dummy data** with randomly generated symbols from the **...**
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Implement Wimax by Matlab
Jul 9, 2009 **...** In the WiMAX simulator the FCH is filled with **dummy data**, **...** **User data**
follows the FCH and contains several OFDM symbols of payload data. **...**
www.scribd.com/doc/.../Implement-Wimax-by-Matlab - Cached - Similar - 🔍 📄 ✕

Communication apparatus and a method of transmitting data therefor ...
In particular, the number of symbols in the discrete **symbol alphabet** may be lower **....**
[0053]The OFDM transmitter 100 comprises a **user data** source 101 which **...**
www.freshpatents.com/Communication-apparatus-and-a-method-of-transmitting-data-
therefor-dt20080501ptan20080101487.ph... - Cached - Similar - 🔍 📄 ✕

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carriers for selection of **dummy data** symbols that result in a reduced PAPR, increasing
the **...** prising **user data** and pilot data; the pilot data comprising **...**
https://data.epo.org/publication-server/getpdf.jsp?cc=EP&pn... - Similar - 🔍 📄 ✕

[APPLICATION] Arrangements and methods for a digital communication system - Google Patents

... for transmitting a modulated bit stream comprising **user data** and **dummy data**, **...**
modulated **user data** is represented by symbols from a **symbol alphabet** M, **...**
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The predefined **symbol alphabet** Q is defined so that the transmit power **...** for transmitting
a modulated bit stream comprising **user data** and **dummy data**, **...**
www.google.com/patents?id=Rq2ZAAAAEBAJ - 🔍 📄 ✕

[PDF] TR 101 146 - V03.00.00 - Universal Mobile Telecommunications ...
File Format: PDF/Adobe Acrobat
The transmission blocks have been defined to support up to 2048 kbps **user data** on one
Radio Frequency (RF). Carrier having a transmission rate of 4.096 **...**
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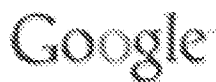✚ Add a result - See all my SearchWiki notes - See all notes for this S

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ARRANGEMENTS AND METHODS FOR A DIGITAL COMMUNICATION SYSTEM ...
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(WO/2004/082230) ARRANGEMENTS AND METHODS FOR A DIGITAL ...
The predefined **symbol alphabet** Q is defined so that the transmit power **...** from a
predefined **symbol alphabet** Q being a subset of M, means for **scrambling** the **....** by
symbols from the **symbol alphabet** M, comprising **user data** and **dummy data** **...**
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(WO/2004/082230) ARRANGEMENTS AND METHODS FOR A DIGITAL ...
That is achieved by defining a **symbol alphabet** Q and **scrambling** a bit stream comprising
user data and **dummy data** with randomly generated **symbols** from the **...**
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MULTIPLE QUALITY DATA CREATION ENCODER, MULTIPLE QUALITY DATA ...
MPS (ore Probable **Symbol**) means that a data value having more occurrence **......** 4
deletes the corresponding **dummy data** and returns the data sequence 501 to **...**
www.patentstorm.us/patents/6756921/description.html - Similar - ⊙ ⊞ ⊠

Capacity analysis and system optimization for the forward link of ...
the **user data** rate. In fact, while interference can be assumed to be only **....** Assuming that
all TDM frames are filled with (**dummy) data**, as it is the case **...**
doi.wiley.com/10.1002/sat.789 - Similar - ⊙ ⊞ ⊠

[PDF] HP-UX SNAplus2 and TN3270 Glossary
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symbol. character set The set of characters (**alphabetic**, numeric, punctuation, and
special **......** **user data** in a data packet. packet switching Routing and **...**
docs.hp.com/en/J2740-90017/J2740-90017.pdf - Similar - ⊙ ⊞ ⊠

Glossary
A letter, digit, or other **symbol**. character set. The set of characters (**alphabetic**, numeric,
punctuation, and special characters such as $ and #) that can **...**
docs.hp.com/en/J2740-90017/go01.html - Cached - Similar - ⊙ ⊞ ⊠

Multiple quality data creation encoder, multiple quality data ...
MPS (More Probable **Symbol**) means that a data value having more occurrence **....** (These

names expressed by capital **alphabet** letters for variable and constant **...**
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[PDF] MHY2250BH, MHY2200BH, MHY2160BH, MHY2120BH, MHY2100BH, MHY2080BH **..**
File Format: PDF/Adobe Acrobat
of an alert **symbol** and a signal word or just a signal word. **......** This area is located at outer
position of the **user data** area, and the rotational speed **.....** C0h No ALIGN Transmit_only
Mode (**Scramble** ON) **......** during a write operation (after a transfer of **dummy data**, ST =
51h, ER = 10h). **...**
www.msc-ge.com/download/itmain/datasheets/.../MHY2xxxBH.pdf - Similar -

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PHP Hacks by O'Reilly Media
The recordlist class then preloads itself with some **dummy data** (in a real ...... and some
sample **user data**: % mysqladmin --user=root --password=password ...
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... stream comprising **user data** and **dummy data**, wherein the modulated **user data** is
represented by **symbols** from a **symbol alphabet** M, the modulated **dummy data** ...
www.google.com/patents?id=Rq2ZAAAAEBAJ - ▾ ▢ ▢

[APPLICATION] Arrangements and methods for a digital communication system - Google Patents

The predefined **symbol alphabet** Q is defined so that the transmit power ... for transmitting
a modulated bit stream comprising **user data** and **dummy data**, ...
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[PDF] z/OS Version 1 Release 5 1 Release 5 Implementation tation
File Format: PDF/Adobe Acrobat
Data in high virtual is **user data** containing no control information, ... would require an
alphabetic character before the **symbol** name to ensure a valid ...
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File Format: PDF/Adobe Acrobat
invoked to transport complementary and **user data** between dPMR entities. ...... characters,
the digits **symbol** table in clause 5.4.11 describes the **alphabet**. ...
www.etsi.org/deliver/etsi_ts/102600.../ts_102658v010101p.pdf - Similar - ▾ ▢ ▢

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File Format: PDF/Adobe Acrobat
where Ts is the **symbol** duration, φi is the information bearing phase (φi belongs to the. 4-
ary **alphabet** $\{\pm\pi/4; \pm3\pi/4\}$), α is the roll-off factor, P ...
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symbol. character set The set of characters (**alphabetic**, numeric, ... used for end-**user
data** exchanged between logical units (LUs) and ...
www.azouk.com/199686/no-title/download - Similar - ▾ ▢ ▢

RESTON, VA, US - Patents
20090207706 Recording medium with a Linking area including **dummy data** thereon ......
20090070882 METHOD FOR TRANSMITTING **USER DATA** BETWEEN SUBSCRIBERS
AND ...
www.faqs.org/patents/city/us_va_reston - Cached - Similar - ⊙ ▦ ▦

Version :: 1.5 2007-04-09 # Copyright (c) :: Frank Richter <frank ...
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Spreading with the channelization codes is followed by **scrambling**. ... is of rate 4/5, and is followed by **symbol**-wise inter-frame block interleaving. ...
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STANDARD **SYMBOLS**
A first block of data **symbols** is generated by arranging a predetermined number of **user data symbols** and a predetermined number of **dummy data symbols** in a ...
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Aalbutt:plaice Aalspieß - Universität Paderborn | Institut für ...
alphabetic Alphabetisierung:alphabetization ...... Benutzerbibliothek:user library
Benutzerdaten:**user data** Benutzerdokumentation:user documentation .....
Blinddarmreizung:grumbling appendix Blinddaten:**dummy data** Blinde:blind man Blinde ......
Geheimverschlüsselung:**scrambling** Geheimwaffe:secret weapon Geheiß:behest ...
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alphabetic alphabetisch|alphabetical alphabetisch|alphabetically ...... library
Benutzer|borrower Benutzerdaten|**user data** benutzerdefiniert|user-defined ...... appendix
Blinddaten|**dummy data** Blinde Kuh|blind man's buff Blinde {m|blind man ......
Debetzeichen|debit **symbol** Debitorenauswertung|accounts receivable ...
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(WO/2004/082230) ARRANGEMENTS AND METHODS FOR A DIGITAL ...
Therefore, these solutions do not work when **user data** and **dummy data** are heavily **...** The
predefined **symbol alphabet** Q is defined so that the transmit power **.....** **Scramble** the bit
stream by performing bitwise **modulo-2** addition between **...**
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Third Generation Systems
scrambling algorithm "uplink wcdma". multi-service multi-band w-cdma 2110 1930 **...** "left
alternative **scrambling** code" "soft handover". 3rd generation system **...**
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AIP JNL	AIP Journal
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IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard
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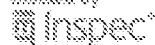| ((user data and dummy data and symbol and alphabet)<in>metadata) | | Search |

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AIP JNL	AIP Journal
AVS JNL	AVS Journal
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Yamamoto, D.; Doi, M.; Matsuhira, N.; Ueda, H.; Kidode, M.;
Robot and Human Interactive Communication, 2004. ROMAN 2004. 13th IEE on
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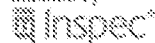
Yang-Seok Choi; Alamouti, S.M.; Tarokh, V.;
Communications, IEEE Transactions on
Volume 54, Issue 1, Jan. 2006 Page(s):41 - 50
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- transmitter
- digital communication
- scrambled
- pseudo-random binary sequence
- look-up table
- pseudo-random
- binary sequence
- 10549449

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☐ **1.**   ARRANGEMENTS AND METHODS FOR A DIGITAL COMMUNICATION
JOHANSSON, Magnus (UpZide Labs AB), *EUROPEAN PATENT*, [
patno: EP1604500
...**data** and **dummy data**, wherein the modulated **user data** is re
symbol alphabet M, the modulated **dummy data** is represented.
bit stream...performing bitwise **modulo-2** addition...from the **alph**
modulo-2 addition...generated **symbol** of Q. The **scrambling** of t
data and **dummy data**, results...
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☐ **2.**   ARRANGEMENTS AND METHODS FOR A DIGITAL COMMUNICATION
JOHANSSON, Magnus (UPZIDE LABS AB), *PATENT COOPERATI*
Sep 2004
patno: WO04082230
...modulated **user data** is represented...symbols from a **symbol a**
dummy data is represented...means for **scrambling** the bit strea
modulo-2 addition...predefined **symbol alphabet** Q is defined...le
substantially...level of the **user data**. The receiver...from the **alph**
modulo-2 addition...generated **symbol** of Q. The **scrambling** of t
data and **dummy data**, results...
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☐ **3.**   Arrangements and methods for a digital communication system
Johansson, Magnus, *UNITED STATES PATENT AND TRADEMARK
PUBLICATION*, Nov 2006
patno: US20060262873
...predefined **symbol alphabet** Q before it...1 from the **alphabet**
modulo-2 addition between...randomly generated **symbol** of Q. T
stream, comprising **user data** and **dummy data**, results in...
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JOHANSSON, Magnus (UPZIDE LABS AB), *PATENT COOPERATI*
Sep 2004
patno:WO04082230
...a modulated bit stream comprising **user data** and **dummy data**
user data is represented by symbols from a **symbol alphabet** M,
data is represented by a **symbol** < RTI ID...
Full text available at patent office. For more in-depth search
similar results

☐ 3. Arrangements and methods for a digital communication system
Johansson, Magnus, *UNITED STATES PATENT AND TRADEMARK*
PUBLICATION, Nov 2006
patno:US20060262873
...receiver. The **dummy data** is sent when there is no **user data** t
a **symbol alphabet** M comprising...wherein the **dummy data** is r
the **symbol alphabet** M, comprising **user data** and **dummy data**
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parameters . . . . 103 C...
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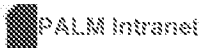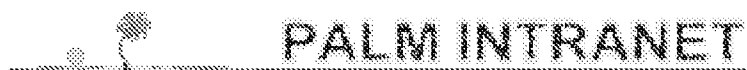
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